Amarra MINI

2.1 User Manual

www.amarraaudio.com

Amarra MINI User Manual Table Of Contents

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Thank you!
Thank you for purchasing the Amarra MINI Computer Music Player. You are about to enjoy the ultrafidelity sound of Amarra. Designed to work with your Apple™ MacIntosh Computer and with iTunes, Amarra MINI provides a seamless integration for high resolution music playback.

The Amarra Team
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330 Sir Frances Drake Blvd, Suite A
San Anselmo, CA USA 94960-2552
phone: 1-415-480-160
www.amarraaudio.com

The AMARRA MINI Computer Music Player User Manual -- December 2010

1.0 Minimum System Requirements

Computer:

- Intel based Mac with 10.5.x, or 10.6.x
  NOTE: G5/PPC supported for uncompressed files only
- RAM: 3 GB RAM minimum, 4 GB or more preferred
- USB port for iLOK security key (if using an iLok)

Peripheral FireWire Adaptors supported:

- OHCI compliant PCCard, PCI card, ExpressCard or PCIe card

Software:

- Mac OS X 10.5.x or 10.6.x and above recommended
  NOTE: 10.4.X supported for uncompressed files only
- AMARRA MINI
- iTunes

We recommend a fresh install of the operating system on a clean disc. This can prevent problems later on.

We also highly recommend that your computer be used exclusively for music playback. Email, web browsers, screen sharing and other applications can all affect performance.

Note that USB hubs, audio or optical disc peripherals are generally not supported.

2.0 Installing Amarra MINI

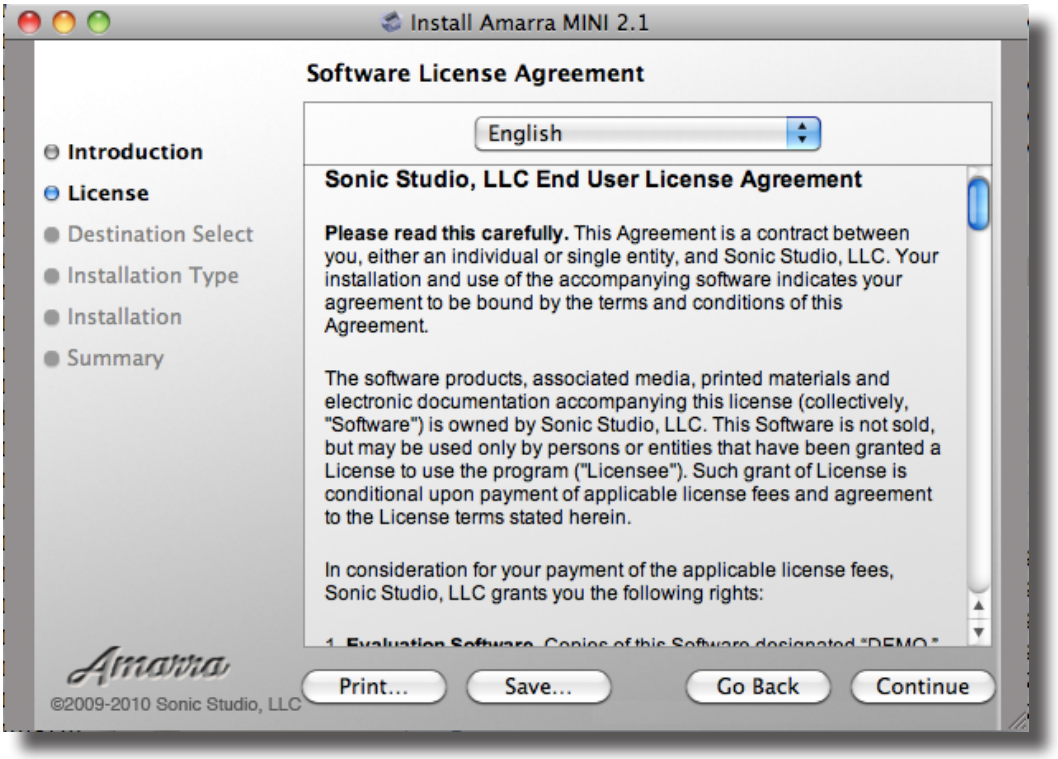
The Amarra MINI installer will install the following items on to your Macintosh Computer:

- Amarra MINI 2.1 Computer Music Player
- Amarra MINI iTunes Plugin
- Amarra MINI FLAC components
- PACE iLok extension
- Amarra MINI Documentation

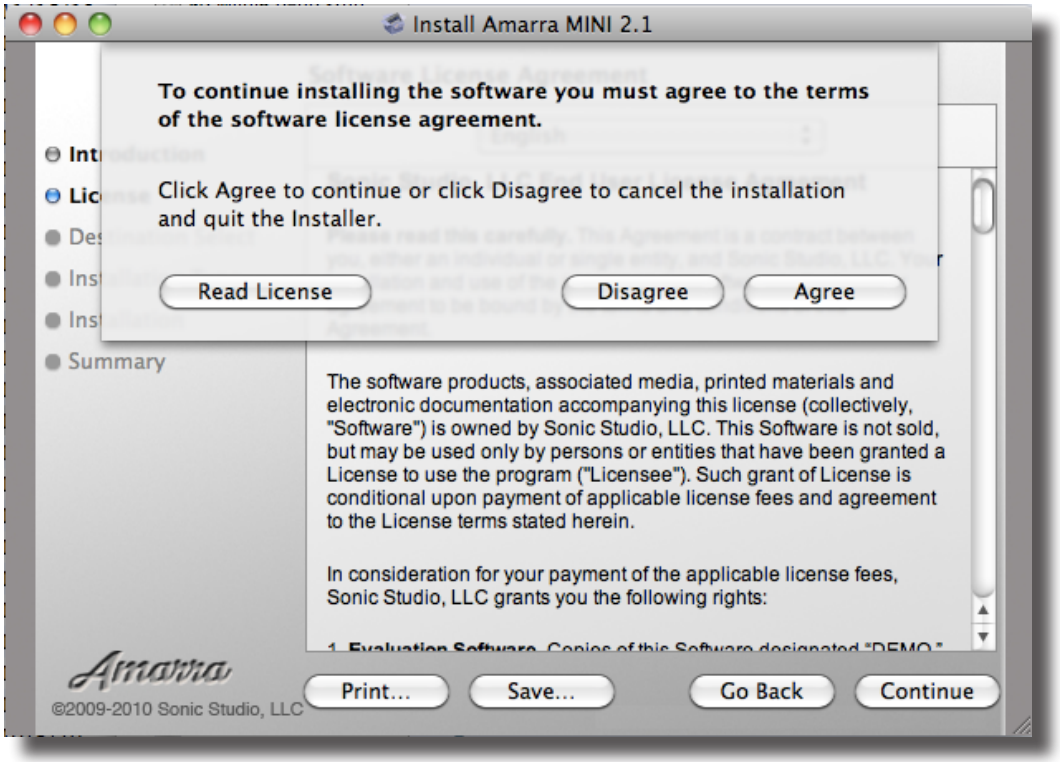
Double-click on the Amarra MINI Installer that you downloaded. This screen appears:

Install Amarra MINI 2.1
Welcome to the Amarra MINI 2.1 Installer
Introduction
License
Destination Select
Installation Type
Installation
Summary
Amarra MINI 2.1 Pre Release (Build 4258)
Oct 20, 2010
Please Read Before You Begin...
This file contains important information about the installation and operation of your application. A more complete version of this document is available in the application's folder.
This release address some bugs found in the the 2.0 release and adds new features. Please check the Changes section for more information
Important notes for Amarra MINI 2.1 –
Please delete your existing Amarra MINI preferences prior to using this version. See the enclosed ReadMe for specific instructions.
Demo Mode — Use Demo Version
Please note that Amarra MINI is protected with an USB security key
Amarra
©2009-2010 Sonic Studio, LLC
Go Back
Continue

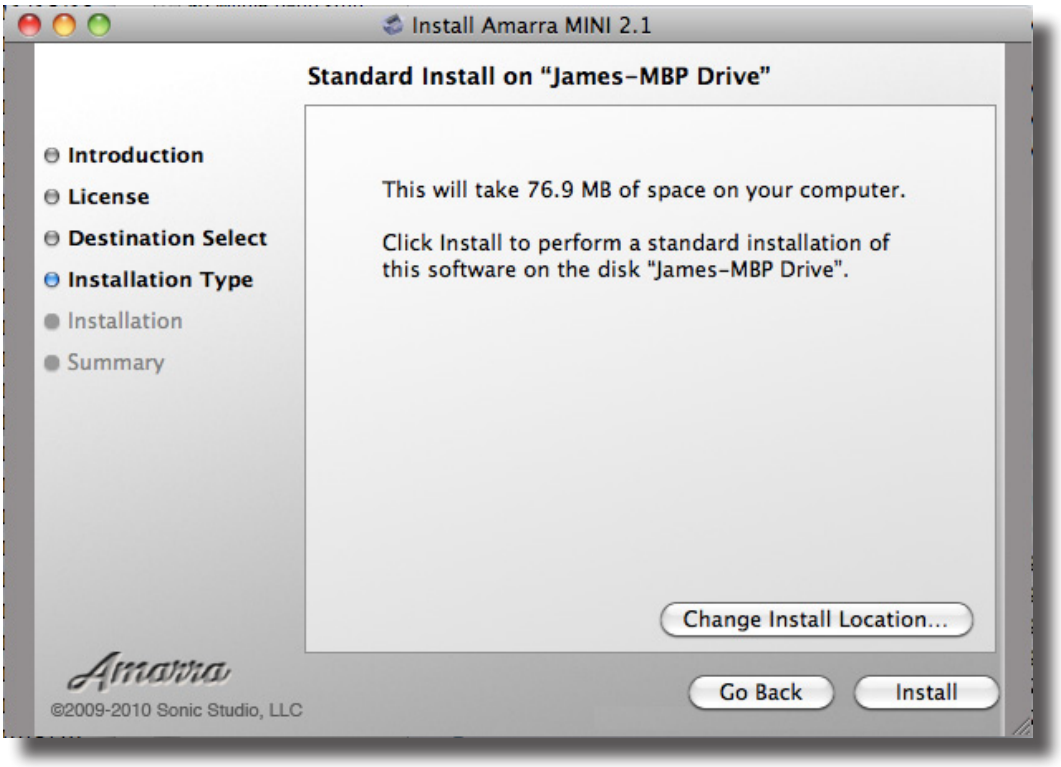
- Select Continue.


Install Amarra MINI 2.1
Software License Agreement
Introduction
License
Destination Select
Installation Type
Installation
Summary
English
Sonic Studio, LLC End User License Agreement
Please read this carefully. This Agreement is a contract between you, either an individual or single entity, and Sonic Studio, LLC. Your installation and use of the accompanying software indicates your agreement to be bound by the terms and conditions of this Agreement.
The software products, associated media, printed materials and electronic documentation accompanying this license (collectively, "Software") is owned by Sonic Studio, LLC. This Software is not sold, but may be used only by persons or entities that have been granted a License to use the program ("Licensee"). Such grant of License is conditional upon payment of applicable license fees and agreement to the License terms stated herein.
In consideration for your payment of the applicable license fees, Sonic Studio, LLC grants you the following rights:
Amarra
©2009-2010 Sonic Studio, LLC
Print...
Save...
Go Back
Continue

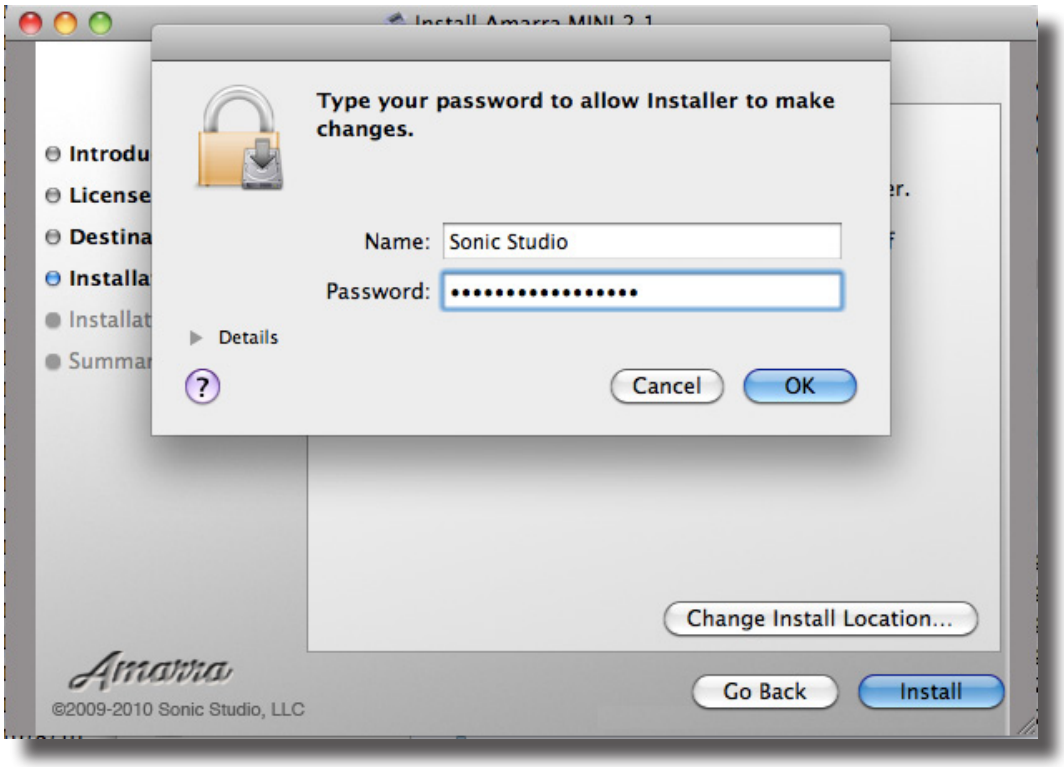
End User License Agreement.
Please take a moment to read this important document,
then select Continue.


Install Amarra MINI 2.1
To continue installing the software you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation and quit the Installer.
Read License
Disagree
Agree
Summary
The software products, associated media, printed materials and electronic documentation accompanying this license (collectively, "Software") is owned by Sonic Studio, LLC. This Software is not sold, but may be used only by persons or entities that have been granted a License to use the program ("Licensee"). Such grant of License is conditional upon payment of applicable license fees and agreement to the License terms stated herein.
In consideration for your payment of the applicable license fees, Sonic Studio, LLC grants you the following rights:
Amarra
©2009-2010 Sonic Studio, LLC
Print...
Save...
Go Back
Continue

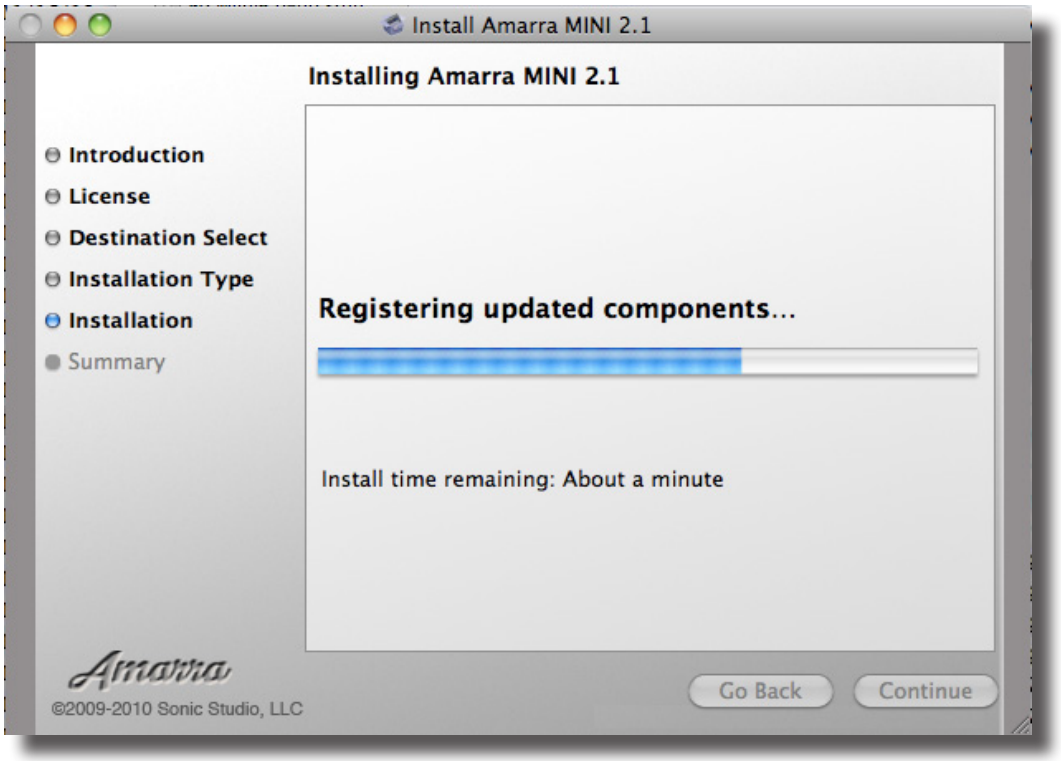
Select Agree to continue installing Amarra MINI.



Select Install to complete the Amarra MINI installation process.

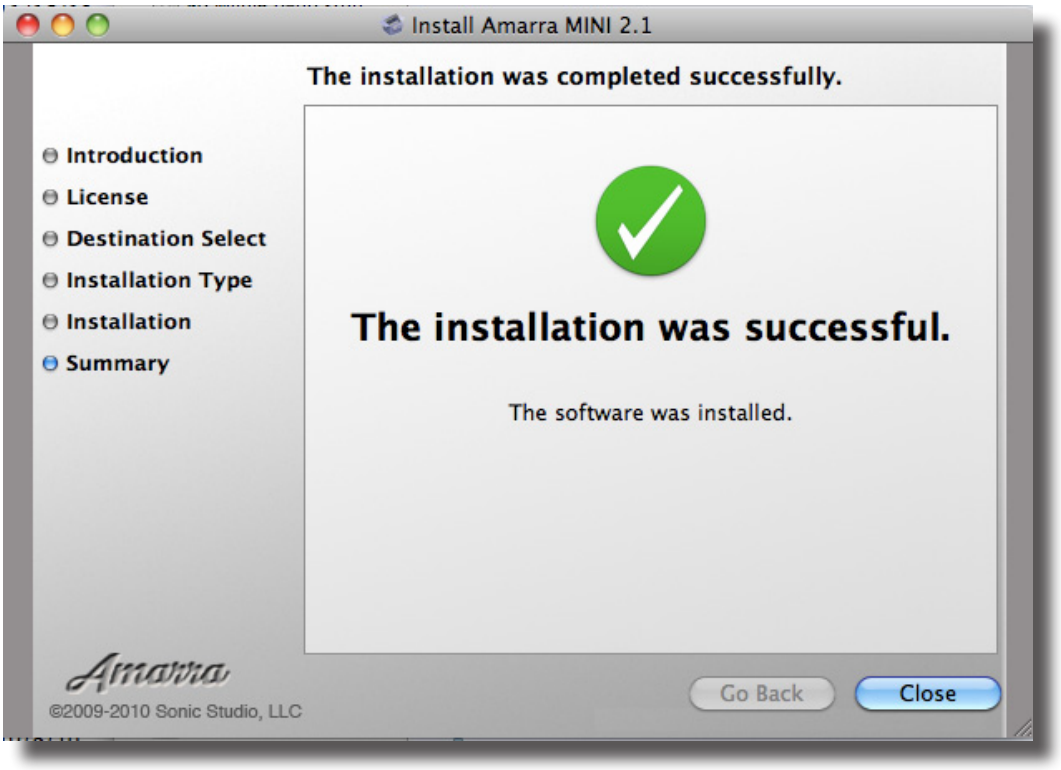


Enter your password and click on OK.



Amarra and all of its components are installed.

- Amarra MINI application is installed into the Applications folder.
  It is installed here: ~/Applications/Amarra MINI 2.1
- The Amarra iTunes Plugin facilitates the interaction between Amarra and iTunes.
  It is installed here: ~ /Library/iTunes/iTunes Plug-ins/
- The iLok Extensions are installed on your boot volume.
- Amarra MINI installs the FLAC components required for FLAC file playback
  They are installed here: ~/Library/Components/

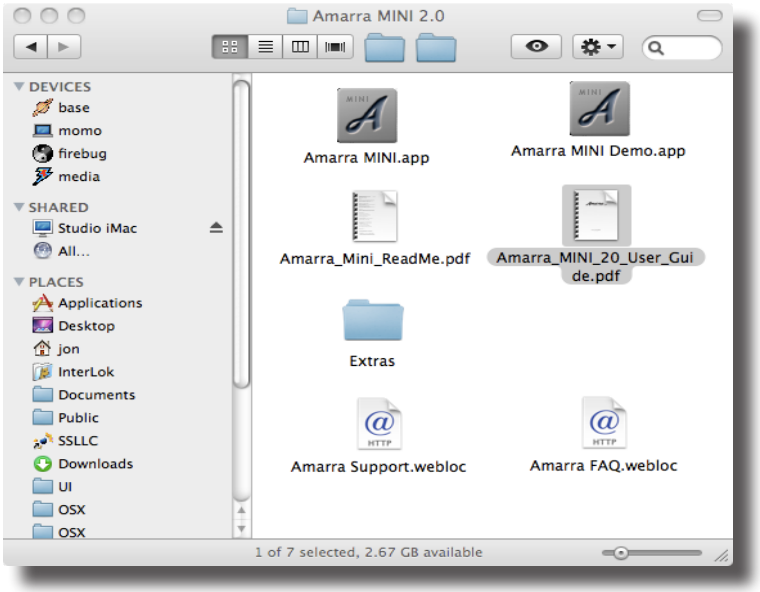


Success!

Select the Close button to quit the AMARRA MINI installer.

2.1 Uninstalling Amarra MINI

To uninstall Amarra MINI and remove all files please run the “Uninstall Amarra MINI.app”. This will remove the application, iTunes plug-in, FLAC component, and PACE extensions. You may be prompted for your password.



3.0 Authorizing Amarra MINI

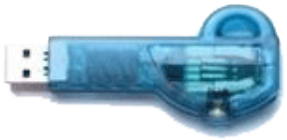
Amarra MINI is protected with PACE's Anti-Piracy InterLok copy protection.
You have 2 choices to activate your permanent Amarra MINI license via Interlock Copy protection. Sections 3.1 and 3.2 discuss those choices.

3.1 Authorizing Amarra MINI using an iLok Smart Key

If you have an iLok Smart Key, please register at http://www.sonicstudio.com/reg/ilokreg.html and fill out the form completely including your iLok ID and Amarra MINI Serial Number. We will deposit your permanent Amarra MINI License in your account and send instructions for downloading it to you iLok.

If you've purchased an iLok from Sonic Studio or an authorized reseller, your iLok should come ready to use and you should only need to install the iLok extension on your computer. There may be occasions when you need to setup an iLOK for new options or for replacement. Please ask your dealer for more information.

PACE InterLok (iLok):
(Yours may be a different color)



NOTE: Protect your iLok! This is really your Amarra MINI product and if lost or stolen, can not be replaced without purchasing another Amarra MINI license.

PACE offers a warranty for replacing lost or stolen iLoks called 'Zero Downtime'. This program enables iLok owners to immediately replace licenses in case an iLok is broken, lost or stolen. Benefits of covering an iLok include:

- Immediate replacement of licenses in the event of disaster
- Priority support during replacement event
- Peace of mind

Contact your dealer, Sonic Studio, or log in to your iLok account for more information on Zero Downtime.

Replacement / New iLOK ::

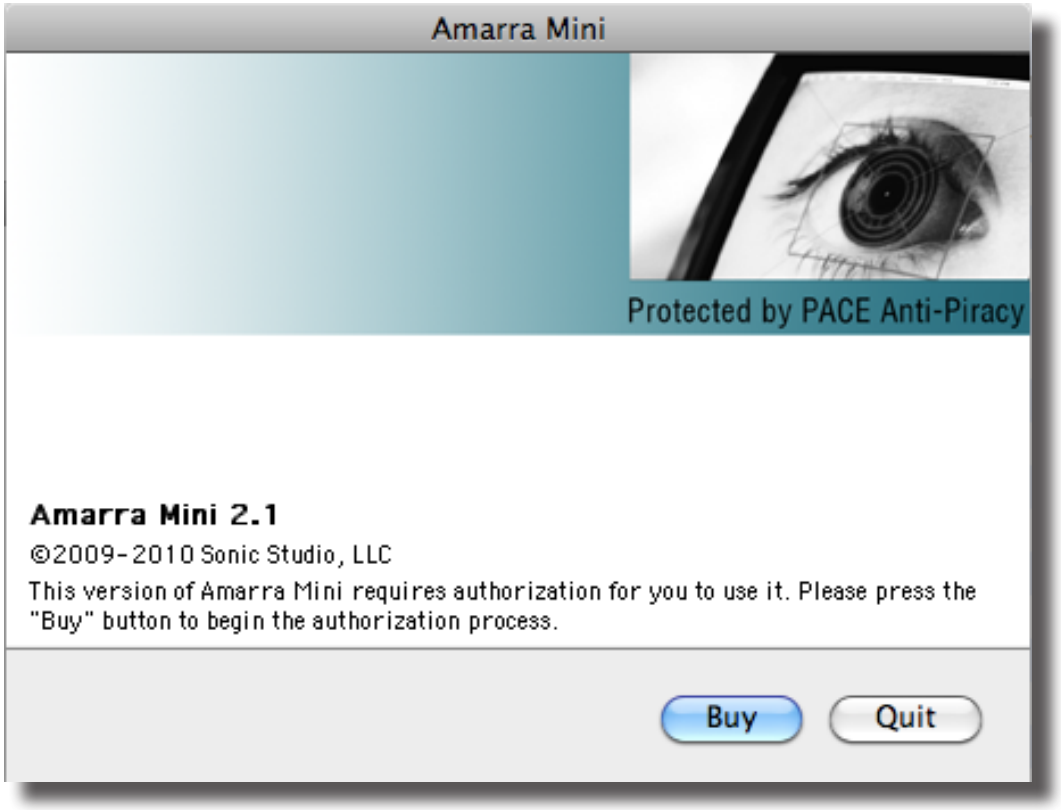
If your iLok is new and needs to be authorized. Please request authorization from Sonic Studio for your iLok USB Smart Key, visit:

http://www.sonicstudio.com/register

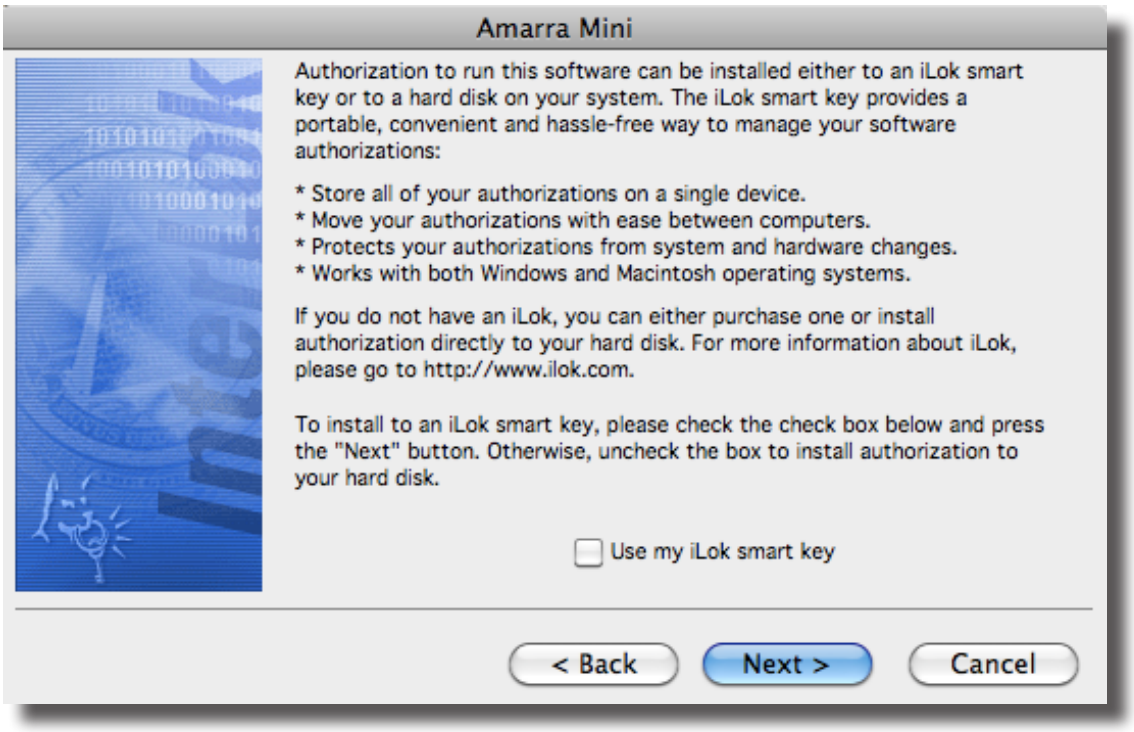
Completing the form will generate an authorization request. We will then place a license for Amarra MINI in your iLok account. Please fill out the form completely to avoid delay in authorization.

3.2 Authorizing Amarra MINI using a License File

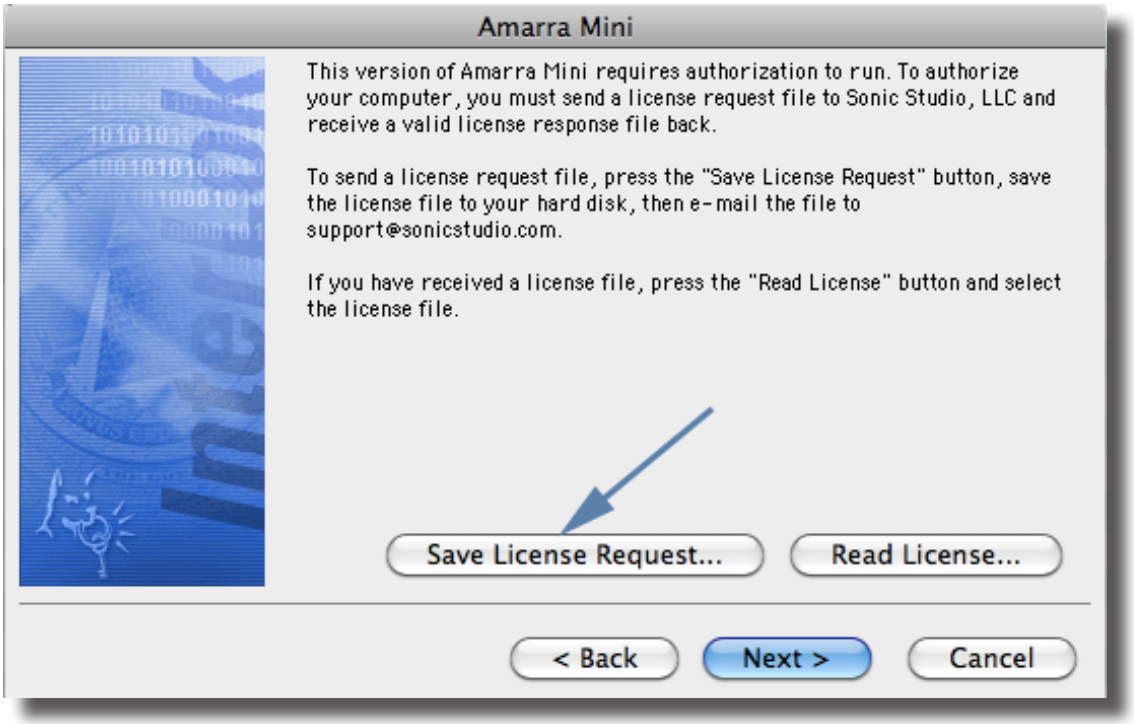
If you choose to use the License File Authorization, when you launch Amarra MINI the first time, you will be asked to authorize your product. Please follow the steps below to obtain your permanent License File.


Amarra Mini
Protected by PACE Anti-Piracy
Amarra Mini 2.1
©2009-2010 Sonic Studio, LLC
This version of Amarra Mini requires authorization for you to use it. Please press the "Buy" button to begin the authorization process.
Buy
Quit

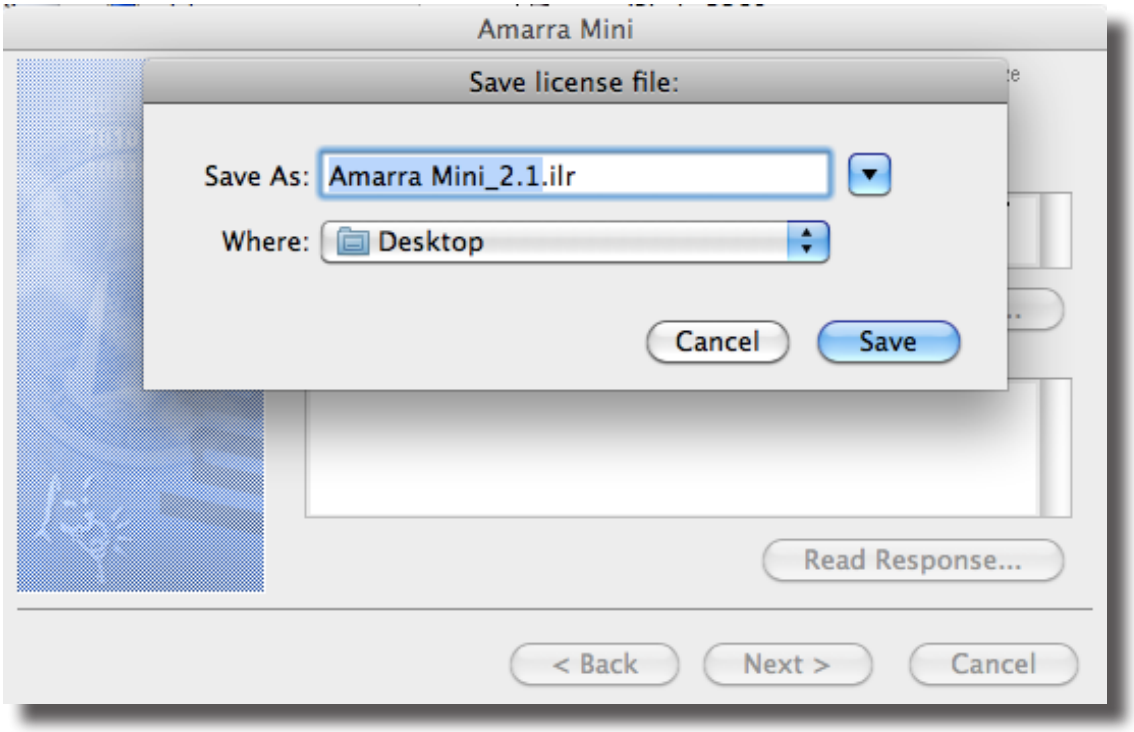
- Click Buy or Authorize on the first page


Amarra Mini
Authorization to run this software can be installed either to an iLok smart key or to a hard disk on your system. The iLok smart key provides a portable, convenient and hassle-free way to manage your software authorizations:
* Store all of your authorizations on a single device.
* Move your authorizations with ease between computers.
* Protects your authorizations from system and hardware changes.
* Works with both Windows and Macintosh operating systems.
If you do not have an iLok, you can either purchase one or install authorization directly to your hard disk. For more information about iLok, please go to http://www.ilok.com.
To install to an iLok smart key, please check the check box below and press the "Next" button. Otherwise, uncheck the box to install authorization to your hard disk.
Use my iLok smart key
< Back
Next >
Cancel

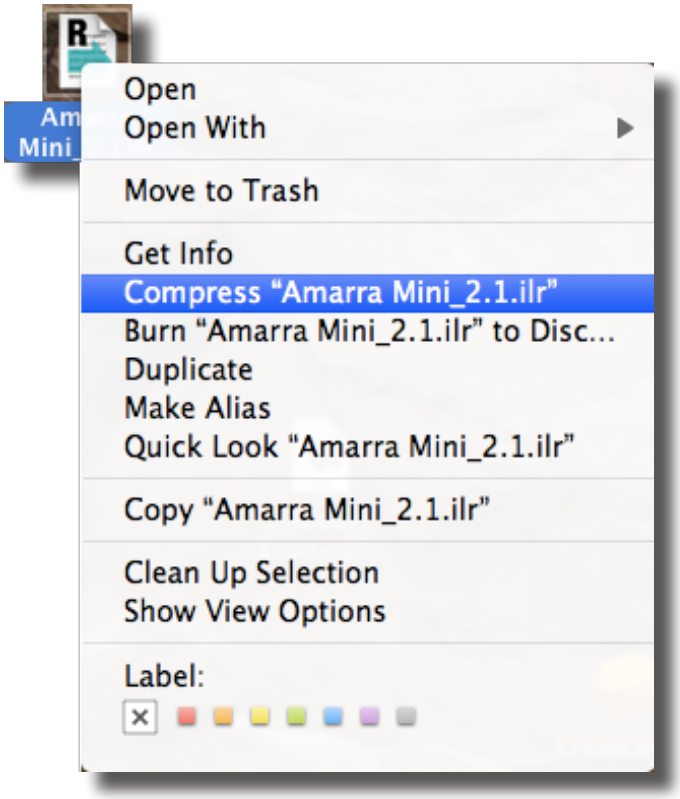
- Uncheck the box marked 'Use my iLok' and click Next


Amarra Mini
This version of Amarra Mini requires authorization to run. To authorize your computer, you must send a license request file to Sonic Studio, LLC and receive a valid license response file back.
To send a license request file, press the "Save License Request" button, save the license file to your hard disk, then e-mail the file to support@sonicstudio.com.
If you have received a license file, press the "Read License" button and select the license file.
Save License Request...
Read License...
< Back
Next >
Cancel

- Click on 'Save License Request' to generate & save your .ilr file.



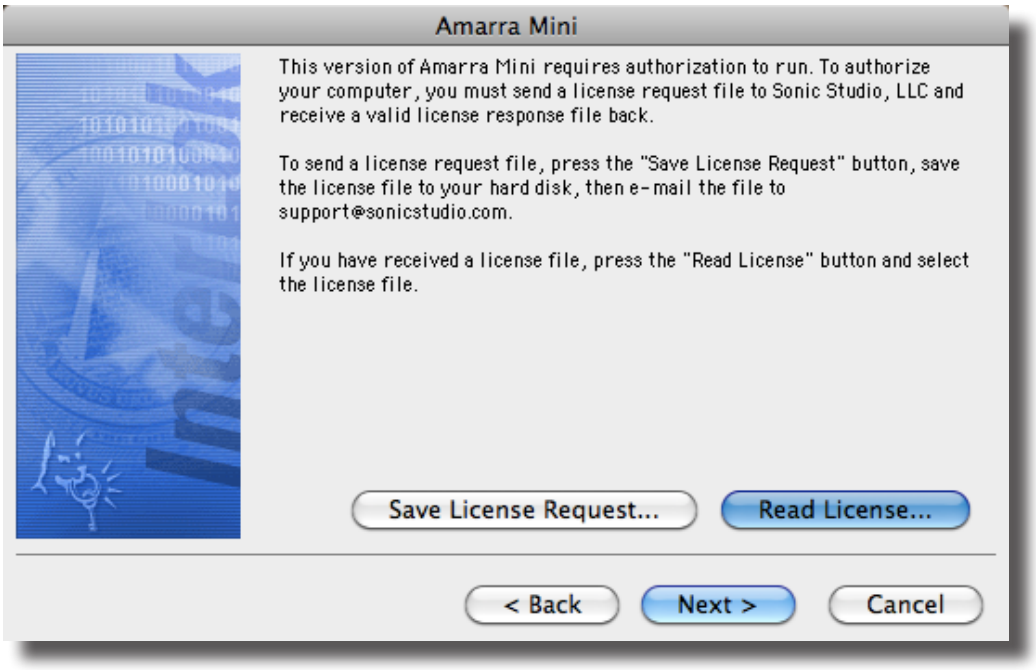
- Save your .ilr file to your desktop.



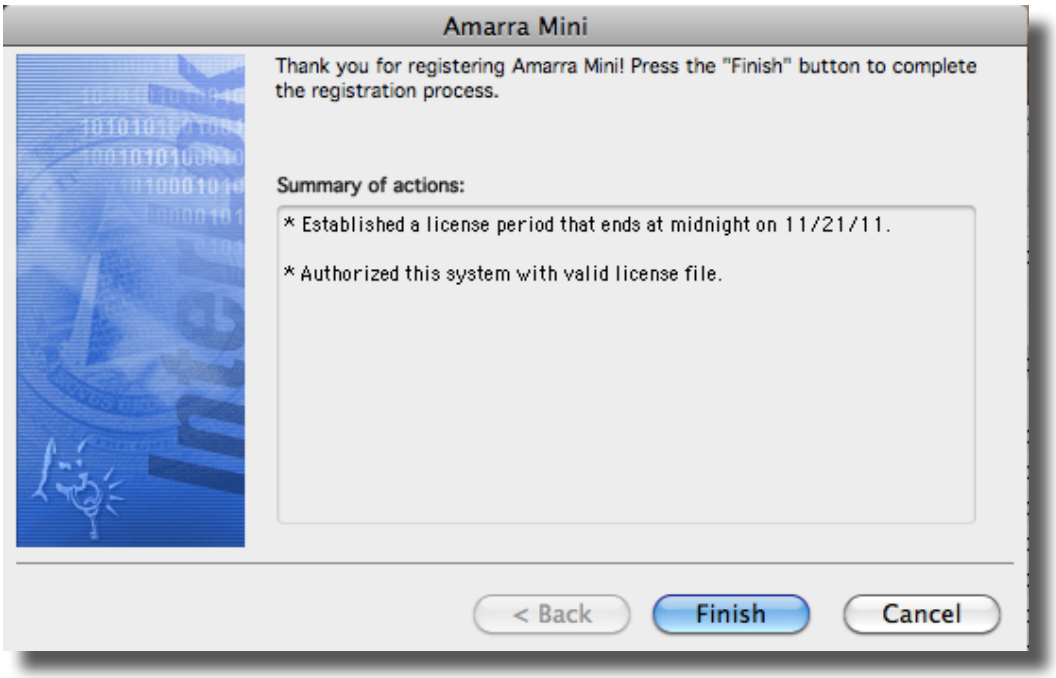
-Compress and forward the .ilr file, plus your Amarra MINI serial number to us at support@sonicstudio.com

Once we receive your license request file, we will send you a reply with your .ilf License file along with instructions for installation.

Once your .ilf file has been received from us via email you can complete the authorization process:


Amarra Mini
This version of Amarra Mini requires authorization to run. To authorize your computer, you must send a license request file to Sonic Studio, LLC and receive a valid license response file back.
To send a license request file, press the "Save License Request" button, save the license file to your hard disk, then e-mail the file to support@sonicstudio.com.
If you have received a license file, press the "Read License" button and select the license file.
Save License Request...
Read License...
< Back
Next >
Cancel

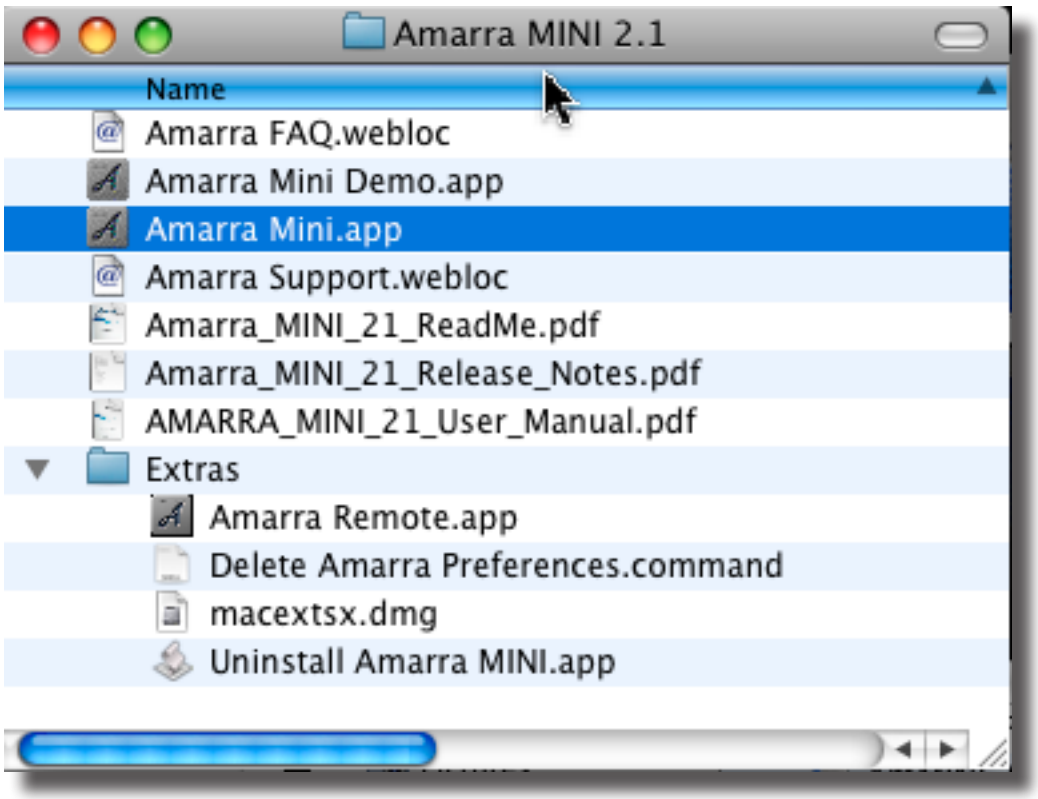
Select Read License


Amarra Mini
Thank you for registering Amarra Mini! Press the "Finish" button to complete the registration process.
Summary of actions:
* Established a license period that ends at midnight on 11/21/11.
* Authorized this system with valid license file.
< Back
Finish
Cancel

Select Finish. Amarra MINI will launch.

4.0 Launching and Using Amarra MINI

Open the Applications folder on your Mac, locate the AMARRA MINI folder.
This folder contains the AMARRA MINI application as well as documentation and an Extras folder



Amarra MINI Application folder

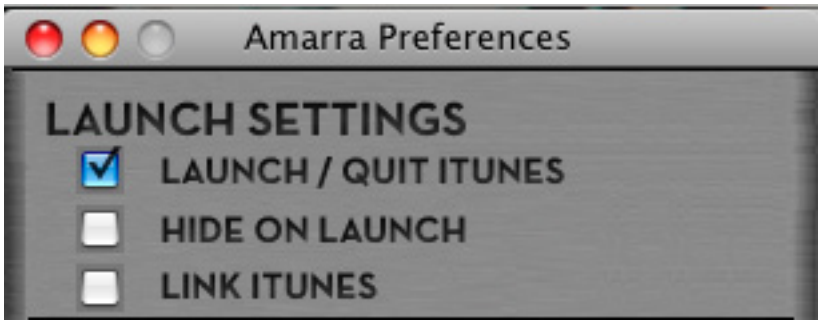
NOTE: Launch Amarra first, not iTunes. Double clicking on the Amarra MINI icon launches Amarra MINI and iTunes.

HINT: Install a shortcut for Amarra MINI on your Dock.:

- Locate the Amarra MINI.app icon.
- Click once and hold the icon then drag to the dock.
- The Dock for your system will appear.
- Place (drop) the Amarra MINI icon and release on the dock.
- You can move its location within the Dock later.

NOTE: When you launch iTunes, Amarra MINI will automatically launch. Likewise, when iTunes quits Amarra MINI will be shutdown.
In iTunes under Visualizer Plugin there is an Options menu command which can be used to disable the auto launch / quit feature.

Access Amarra MINI Preferences from the Amarra MINI Menu



Amarra MINI Preferences Window showing
the LAUNCH/QUIT ITUNES checkbox.

5.0. Amarra MINI Interface Module

The Amarra MINI control interface module's features are explained below:

1. Amarra/iTunes Status Indicator
Indicates playback status:
Blue = Amarra is playing
Orange = iTunes is playing

2. Amarra EQ
Fine tune your sound with our high-quality Amarra EQ.

3. Cache Playback
This enables R.A.M. pre-loading of your soundfiles for diskless playback.

4. Playlist Button
The Playlist Window is where tracks can be loaded and played.

5. Tracks
This displays the list of tracks loaded in the current Playlist.

6. Task Bar Controls
These buttons control
- Showing the Playlist Window
- Options for playing tracks
- Link for iTunes window position

7. Transport Controls
The Previous Track, Play/Pause, and Next Track buttons. are located here.

TIP: You can change the Hardware Sample Rate and access Audio MIDI Set Up by Control Clicking on the Sample Rate Display.

TIP: Use the Arrow keys to adjust the volume. Use the Option-Arrow key for fine adjustment.

5.1. Using Amarra MINI and iTunes

Amarra MINI runs alongside Apple's iTunes program. This allows you to manage and access all your music through the main iTunes Music Library or through custom iTunes Playlists.

As shown below, Amarra MINI occupies the area to the left of your iTunes window:

Amarra MINI and iTunes side by side.

You can use iTunes like you always have, select the songs or a playlist and play. Amarra MINI follows what you do in iTunes and takes over playback of:

- Full resolution uncompressed AIFF or WAV files
- Most compressed MP3 files
- ALAC, FLAC or AAC files
- Files from 44.1-96 kHz sample rates (16-24 bits)

NOTE: Amarra MINI can not play Protected AAC files. Instead, it switches over to iTunes to playback those files.

To create custom playlists for high resolution music in iTunes, follow the Help menu instructions in iTunes.

5.2. Using Playlists Within Amarra MINI

Amarra MINI allows you to load, create and save custom playlists from files in iTunes as well as from files located in the Mac Finder. You can select the Playlist as a source by clicking on the PLAYLIST button and Amarra MINI will load a selection of tracks from iTunes.

Clicking on the Task Bar's Playlist icon reveals a contextual menu. This menu allows you to open an Amarra Playlist and add tracks to it as well as Clear Playlist, Open Playlist and Save Playlist commands.

5.2.1 Add Tracks From iTunes

This menu item allows you to load Selected Tracks in the iTunes interface.

5.2.2 Add Consecutive Tracks

This menu item allows you to continuously add Consecutive Tracks from iTunes. Amarra MINI loads one track after another into the playlist window.

5.2.3 Add Tracks From Finder

This menu item allows you to locate and add Tracks to a Playlist from the Mac Finder.

5.2.3 Clear Playlist

This menu item allows you to locate and add Tracks to a Playlist from the Mac Finder.

5.2.4 Open Playlist

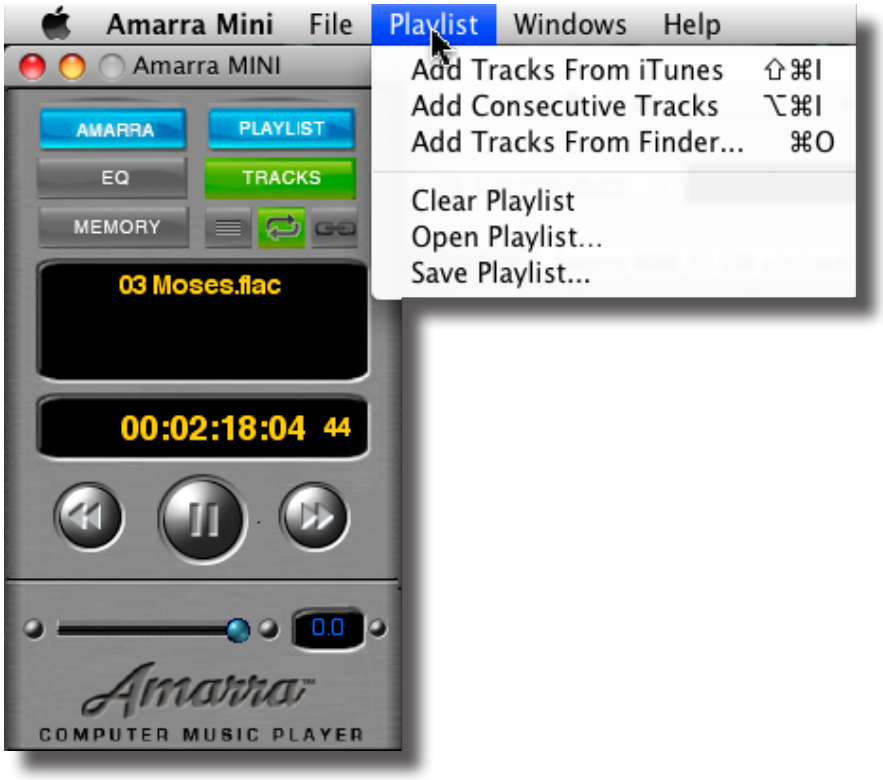
This menu item allows you to locate and add Tracks to a Playlist from the Mac Finder.

5.2.5 Save Playlist

This menu item allows you to save a Playlist to your hard drive for later recall. We recommend creating a new folder in your iTunes folder titled Amarra Playlists and saving your Playlists there.

5.3 Managing Amarra Playlists From The Playlist Menu

There are also menu commands available for adding files from the Finder:



Amarra MINI Playlist commands

With tracks loaded into a Playlist the Tracks button will turn Green and the tracks will be shown in the Tracks Popup Menu. You can select a Track using the popup menu:

Playlist Tracks List

5.4 FLAC Conversion and Playback

In addition to playing back native FLAC natively, Amarra MINI supports conversion routines for FLAC. Using the FLAC conversion routines under the FILE menu it is possible to convert FLAC files or entire folders of FLAC files to AIFF files and to add them to iTunes automatically.

Converting FLAC files to AIFF files allows iTunes to find and add metadata for album artwork, artist and song titles as an example.

The File menu in Amarra showing the Convert FLAC file to AIFF... and Convert FLAC Folder to AIFF... commands.

5.4.1 Convert FLAC File to AIFF

This command launches the built-in FLAC to AIFF conversion routine.

You will be prompted to locate the files to convert and to specify a destination folder to store the converted files. You will also be asked whether you would like to add the files to iTunes after they are converted.

5.4.2 Convert FLAC Folder to AIFF

This command launches the built-in FLAC to AIFF conversion routine. You will be prompted to locate a folder to convert and to specify a destination folder to store the converted files. You will also be asked whether you would like to add the files to iTunes after they are converted.

Once you launch a FLAC conversion you can follow its progress using the Amarra Background Manager Window.

5.4.3 FLAC File Playback Using A Playlist

To play FLAC files, use the "Open Tracks From Finder" command and navigate to the FLAC files you wish to play. The FLAC files you choose will be added to a playlist.

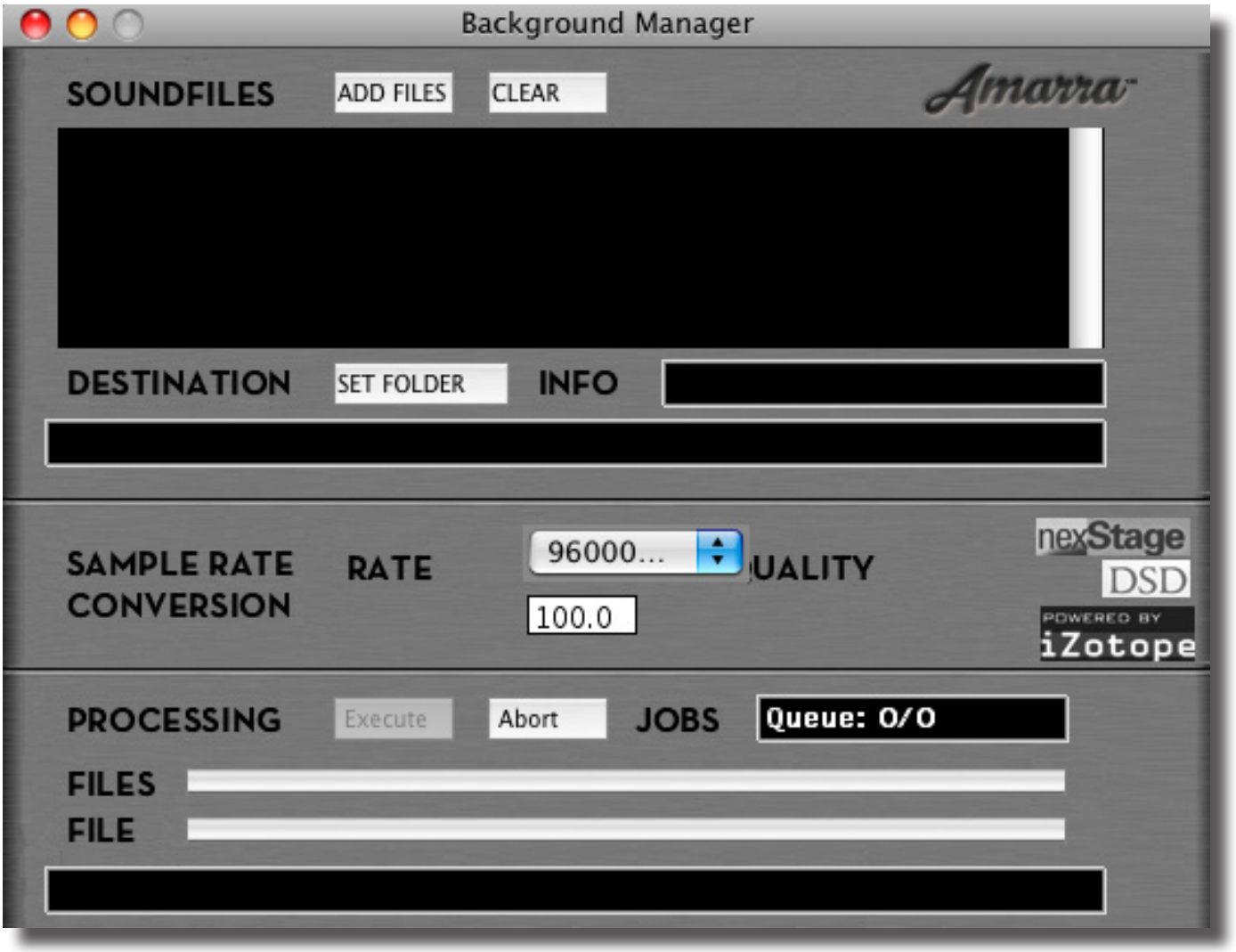
TIP: Save your FLAC Albums as a Playlist for easy playback.

5.5 Amarra Background Manager

The Background Manager is used to perform Sample Rate Conversion, FLAC to AIFF Conversion and monitor the status of those conversions.

Amarra MINI comes with a high quality Sample Rate Conversion. Sample Rate Conversion preserves pitch and duration of the original sound file and will create a new soundfile with the desired sample rate. Amarra MINI supports the ability to convert a file to a variety of sample rates from 44100 - 96000 hz. An additional Quality field is provided as well. A higher quality will take a longer time to process.

There are different parameters in this window, each is described below:



5.5.1 SOUNDFILES

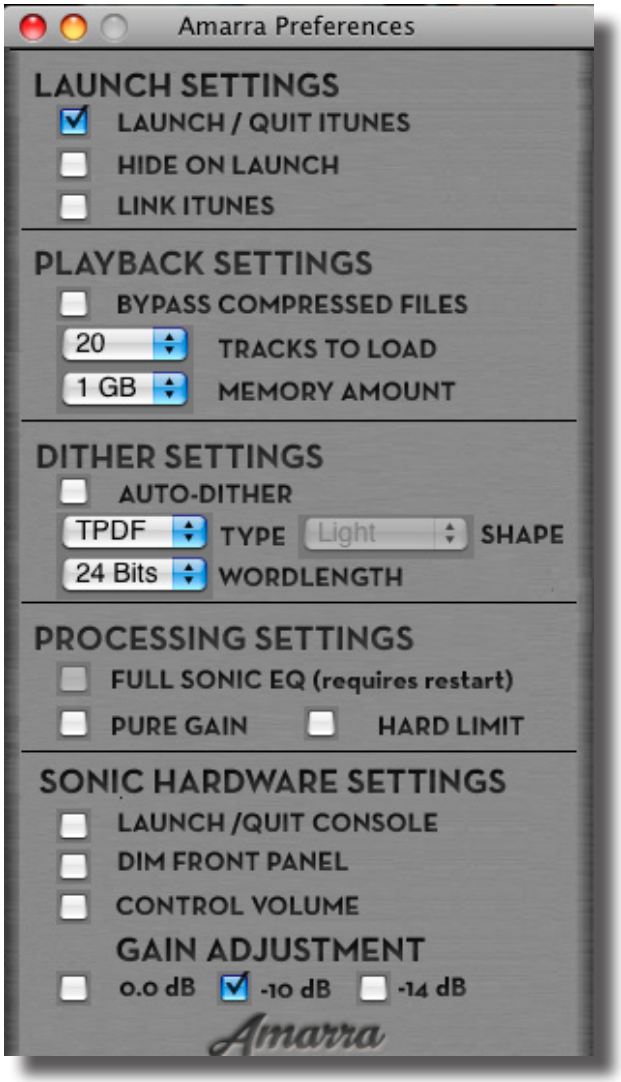
The ADD FILES button can be used to add files to be sample rate converted. You can drag AIFF or WAV files into this window. Information on the file will be displayed in the INFO field. You can set a destination folder or use the default folder which is set to the same folder as the original file.

5.5.2 PROCESSING

Once files are added you can start the Sample Rate conversion using the Execute button. The progress will be shown along with the name of the destination file.

5.6. Amarra MINI Preferences

This section presents an overview of the Amarra MINI Preferences.



The Amarra MINI Preferences Window is accessed from the Amarra -> Preferences menu or CMD+,

5.6.1 Launch Settings

Launch/Quit iTunes: When selected, launches and quits iTunes when Amarra MINI launches or quits.

Hide On Launch: When selected, hides Amarra MINI after it launches.

Link iTunes: When selected, links or docks Amarra MINI next to the iTunes window.

5.6.2 Playback Settings

Bypass Compressed Files: When selected, Amarra MINI skips playing compressed files. This is recommended for older Macs and operating systems.

Tracks To Load: selects the number of track that are loaded when using a Playlist with Add Consecutive Tracks...

Memory Amount: The amount of Random Access Memory or R.A.M. that is allocated for Cache playback.

5.6.3 Dither Settings

Auto-Dither: When selected, automatically enables dither when the volume control of Amarra MINI is reduced.

Type: Amarra MINI provides 2 types of dither that can be used to adjust the dither processing for audio playback. If Dither is enabled, then the output of Amarra will be dithered to the setting of the output wordlength specified. This will generally provide better sound when the volume control in Amarra MINI is used or if your DAC only supports a limited word length (16 or 20 bits for example).

1. Dither Type – Shaped PDF: This radio button selects Sonic Studio's proprietary spectrally shaped, triangular PDF (probability density function) redithering.

2. Dither Type – MBIT+: This radio button selects iZotope's proprietary psychoacoustic MBIT+ redithering.
   MBIT+ information

Word Length: this selector determines the final word length, either 16. 20 or 24 bits. In general, dither should be enabled to ensure linear output when Amarra MINI's volume is reduced.

NOTE:: When the Output Wordlength is set to 24 bits the dither will be "disabled" if the Gain has not been modified (at full volume). Once the Gain is adjusted then dither is re-enabled.

For more information on dither, visit:

http://en.wikipedia.org/wiki/Dither#Digital_audio

5.6.4 Processing Settings

Full Sonic EQ: This feature is disabled in Amarra MINI.

Pure Gain: "Pure Gain" is a preference for calculating gain coefficients when using the volume control. This refers to how Amarra MINI handles Gain Settings.

- "Pure Gain" uses an algorithm which is more efficient.
- It also means some gain values will not be exactly what is typed. For example -6.0 would really be -6.00133

Hard Limit: Hard Limit refers to how gain is processed. It's most useful for compressed music.

- This has to do with how the floating point values are handled after decoding.
- The maximum 24 bit value is really 0.99999989
- In Core Audio the maximum floating point value is 1.0
- Values in between this can cause distortion.
- This preference will catch this and can improve the sound of the overly compressed files

5.6.5 Sonic Hardware Settings

This section of the Preferences window relates to how Amarra MINI interacts with Sonic Studio-brand Model 302. Model 303, Model Four and Model 305 FireWire interfaces. It also applies to most Metric Halo-brand hardware.

Launch/Quit Console: Automatically launches and quits the Sonic Console application when Amarra MINI is launched. You must specify the version of Sonic Console will be launched by placing that application in the Amarra MINI application folder.

Dim Front Panel: Selecting this preference dims the front panel LEDs on your Sonic Studio hardware.

Control Volume: Selection of this preference synchronizes the digitally-controlled analog volume section of Sonic Studio hardware with the volume fader in the Amarra MINI interface.

Gain Adjustment: The 3 settings in this section reduce the output volume of your Sonic Studio interface by 0, -10 or -14 dB respectively. This is useful for adjusting the output volume of your hardware to match the input level of your amplifier or pre-amplifier.

6.0 Registering Your Amarra MINI Software

In order to receive warranty service, you must register your product with Sonic Studio. This may be done at any time with proof-of-purchase.

We strongly recommend that you register with Sonic Studio as soon as you purchase your software. This will ensure the best possible support and keep your advised of new Amarra MINI releases.

NOTE: We value your privacy. Your contact information will not be shared with any third party.

1. Your product will be registered with us.
   Registration is used as proof of ownership if your product is ever lost or stolen.

2. Sonic Studio updates Amarra MINI software on a regular basis.
   This allows us to keep you informed of updates as they become available.

Please register your Amarra MINI software using our automated registration Web page at:

http://www.sonicstudio.com/register

Alternatively, our mail address is:

Amarra Software registration
Sonic Studio, LLC
330 Sir Frances Drake Blvd
Suite A
San Anselmo, CA USA
94960-2552
Phone: +1-415-480-1601
Fax 1-775-330-8923

If you encounter issues using Amarra MINI please refer to the troubleshooting information below for assistance. If none of these steps address your problem please contact your dealer or Sonic Studio support for more help.

7.0 Upgrades to Amarra

The policy for upgrading from Amarra MINI to Amarra is the difference in price. Please contact

Sonic Studio or local Amarra representative for ordering information.

8.0 Troubleshooting Guide

Basic Macintosh Setup Tips

iTunes:

- Disable the Crossfade Songs preference in iTunes
- Disable the Sound Enhancer preference in iTunes
- Disable the Sound Check preference in iTunes

Energy Preferences:

- Disable Sleep and other Energy saving Preferences.

Spotlight:

- Disable Spotlight

TimeMachine:

- Disable TimeMachine on your media drives.

Folder Actions:

- Disable All Folder Actions

Also:

- We recommend a fresh install of the operating on a clean disc.

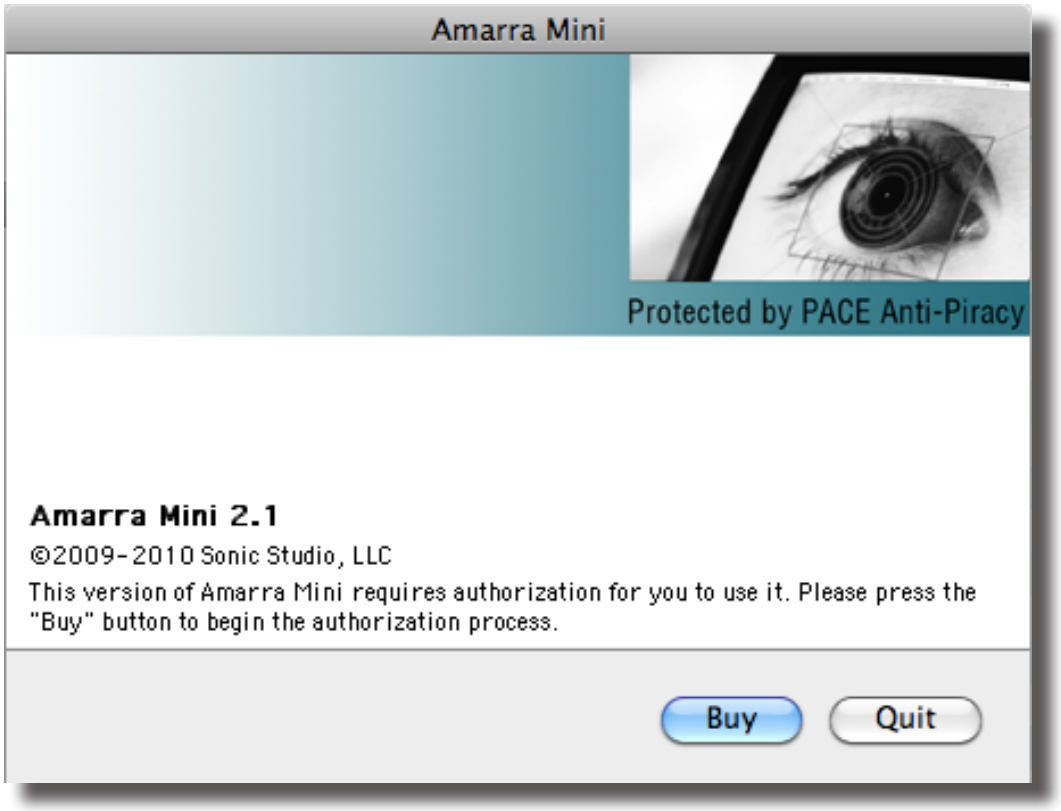
- We also highly recommend that your computer be used exclusively for music playback, and that all unnecessary devices be disabled.

- Email, web browsers, screen sharing and other applications will affect performance. They should not be running when using Amarra MINI.

See below for answers to common issues.

Issue:
Amarra MINI can not find iLOK or InterLok License File (.ilf)

Amarra MINI does not find an iLOK, finds an iLOK without a valid Amarra license or can not find an .ilf.


Amarra Mini
Protected by PACE Anti-Piracy
Amarra Mini 2.1
©2009-2010 Sonic Studio, LLC
This version of Amarra Mini requires authorization for you to use it. Please press the "Buy" button to begin the authorization process.
Buy
Quit

Solution:

- Insert an iLOK with a valid Amarra license on it.
- License your product
- Please refer the Licensing section of this document for more information.

Issue:

Amarra MINI operates in demo mode.

Solution:

- Amarra MINI requires a license to operate

Issue:

How to set up a remote volume or hard drive

Amarra does not support streaming of remote songs.
Amarra requires that all volumes/drive be mounted on the computer as a shared volume.

Solution:

- Mount the remote volume with Read/Write Access on your local Macintosh - Use the

Network (Cmd-K) to locate and mount the remote volume
- In iTunes use the Add to Library command to add the songs from the Mounted Volume
- Mount the remote volume with Read/Write Access on your local Macintosh

Issue:

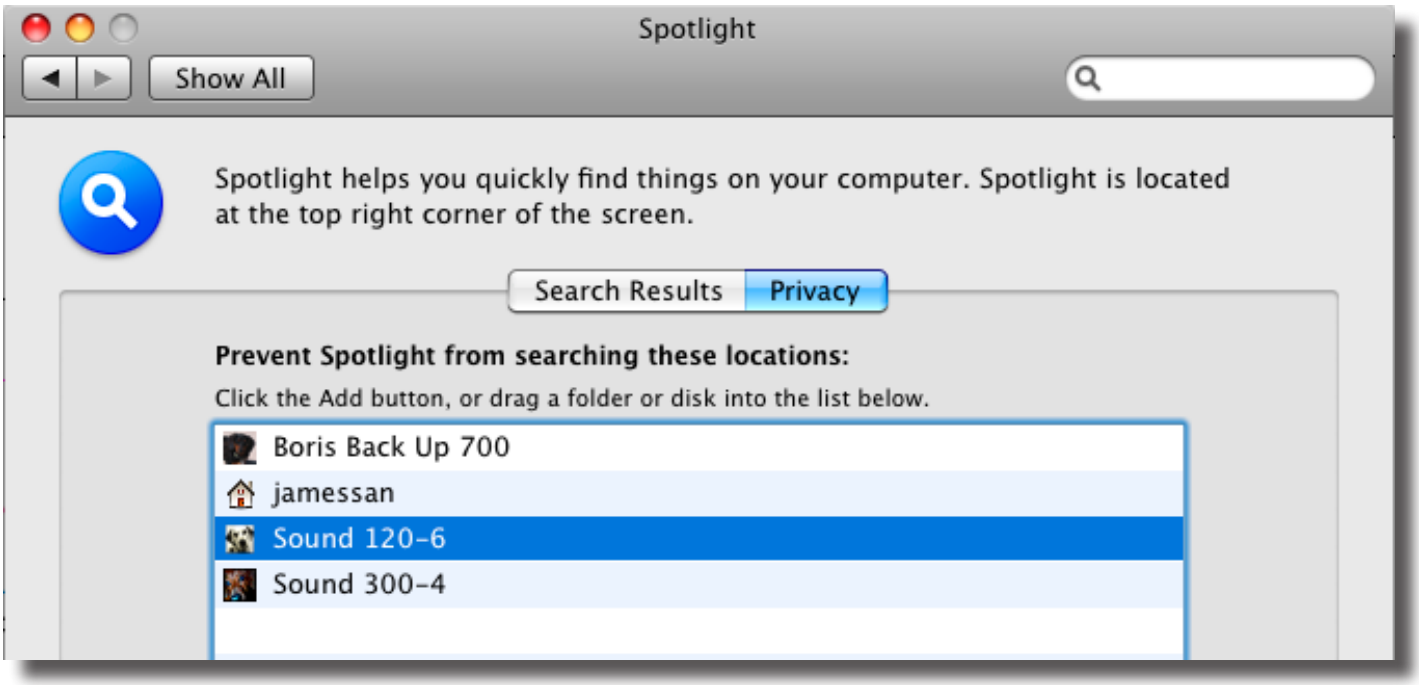
Audio Clicking or Ticking Sound.

Solution:

Disable Spotlight (add volumes to the Spotlight Privacy Preference)

Open System Preferences and locate the Spotlight Preference pane:

Select the Privacy Tab and add all your media drives:


Spotlight
Show All
Spotlight helps you quickly find things on your computer. Spotlight is located at the top right corner of the screen.
Search Results
Privacy
Prevent Spotlight from searching these locations:
Click the Add button, or drag a folder or disk into the list below.
Boris Back Up 700
jamessan
Sound 120-6
Sound 300-4

Solution:

Disable Network Shared Access.
Open System Preferences and locate the Sharing Preference.

Disable Web Sharing, Remote Login and Remote Management.

NOTE: For Sonic Studio Remote Support Services, the Remote Management preference may be required.

Solution:

- Disconnect multiple FireWire devices
- Reduce daisy-chained connections
- Use a FireWire hub

Solution:

- Shut down other applications such as email and browsers.

Solution:

- Increase the amount of RAM in your computer.

Solution:

- Check that all drives are HFS formatted.
  Amarra does not support FAT32 drives.

Solution:

- Change the Sample Rate manually using Audio Midi Setup to a different value.
  Then switch the Sample Rate back.

Issue:

Songs do not change or sound correctly.

Solution:

- Disable the Crossfade Songs preference in iTunes
- Disable the Sound Enhancer preference in iTunes
- Disable the Sound Check preference in iTunes
- Disable Sleep and other Energy Preferences.

Issue:

Amarra does not play audio.

Solution:

- Quit Amarra MINI and iTunes and restart Amarra MINI.

NOTE: Sound files with names that contain ":" or other foreign characters may not play properly. Changing the name of the soundfile can fix this.

Issue:

Sample Rate Does Not Change With Soundfile.

Does your device support the sample rates for your music?
Amarra will only use the available rates on the device.
Otherwise, iTunes will be used (and sample rate conversion may occur).

9.0 Support

We are committed to your successful use of Amarra and offer support for Amarra MINI through your local dealer or via email through Sonic Studio. Please ask your local dealer for assistance. They have a great deal of knowledge about Amarra MINI and are an excellent resource.

9.1 Amarra Team Contact Info:

Please email support with questions.

support@sonicstudio.com

You can always find the latest information and updates for Amarra MINI on our website:

http://www.amarraaudio.com

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